

The listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Previously cancelled)

2. (Currently Twice amended) [The] <sup>An isolated</sup> ~~A~~ Nuclear Myosin I  $\beta$  protein [of claim 1] wherein the amino acid sequence comprises:

mrrasalgs	dgvrvtmesa	ltardrvqvq	dfvllenfts
eaafienlrr	rfrenliyty	igpvlvsnp	yrdlqiysrq
hmeryrgvsf	yevpphlfav	advyralt	errdqavmis
gesgagktea	tkrllqfyae	tcpapergga	vrdrllqsnp
vleafgnakt	lmdnssrfg	kymdvqfdk	gapvgghils
ylleksrvvh	qnhgernfhv	fyqlleggee	etlrrlgler
npqsylylvk	gqcakvssin	dksdwkvmrk	alsvidfted
evedllsiva	svlhlgnihf	aadedснаqv	ttenqlkylt
rllgvegttl	realthrki	akgeellspl	nleqaayard
alakavysrt	ftwlvarkin	slaskdaesp	swrsttvlgl
ldiygfevfq	hnsfeqfcin	ycneklqlf	ieltlksege
eyeaeagiawe	pvqyfnnkii	cdlveekfkg	iisildeecl
rpgeatdltf	lekledtvkp	hphflthkla	dqktrksldr
gefrllhyag	evtysvtgfl	dknndllfrn	lketmcssmn
pimaqcfdks	elsdkkrpet	vatqfkmsll	qlveilrske
payircikpn	dakqpgrfde	vlirhqvkyl	glmenlrivr
agfayrrkye	aflqrykslc	petwpmwagr	pqdgvavlv
hlgykpeeyk	mgrtkifirf	pktilfateds	levrrqslat
kiqaawrgfh	wrqkflrvkr	saiciqswwr	gtlgrkaak
rkwaaqtirr	lirgfilrhs	prcpenaffl	dhvrasfln
lrrqlpmvl	dtswptpppa	lreasellre	lcmknmvwky

See  
Examiner's  
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20040331

crsispewkq	qlqqkavase	ifkgkkdnyp	qsvprlfist
rlgteeispr	vlqslgsepi	qyavpvvkyd	rkgykprprq
llltpsavvi	vedakvkqri	dyanltgisv	sslsdslfvl
hqvrednkqk	gdvvlqsdhv	ietlktals	adrvnninin
qgsitfaggp	grdgiidfts	gsellitkak	nghlavvapr

lnsr (SEQ ID NO:1).

3-4. (Previously cancelled)

2. *An isolated peptide consisting of*  
5. (Previously amended) ~~A peptide comprising~~ an amino acid sequence  
MRYRASALGSDGVRVT (SEQ ID NO:2).

6. (Previously cancelled)

3. *isolated Nuclear Myosin I  $\beta$  protein of claim 1 further*  
7. (original) The ~~peptide of claim 5~~ comprising an epitope with the amino  
acid sequence FLAG.

8-17. (Previously cancelled)

See  
Examiner's  
Amendment  
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